Relation between small causal agents and type of Fatal accidents in code no. 30107 river civil engineering work as small industry in 1999-2020

Cluti	on between small car												12		14	15	16	17	18	19	90	99	00
code		fall	falling to	crash	struck by	collapse			cut	injury to the		contact to high/low- temperature	contact to	electric shock	explosion		fire	traffic accident	traffic	reaction to motion/improper			
111	engine																						0
121	power transmission mechanism																						0
131	circular sawing machine								1														1
132	band sawing machine																						0
133	wood planer machine																						0
134	hollow chisel mortiser, wood borer																						0
135	chamfering machine, router, woodworking milling machine																						0
136	chain saw																						0
139	other woodworking machines																						0
141	leveling, transporting or loading machine	7			1		3	4															15
142	excavating machine	10	5	1	5		14	21			2												58
143	foundation work machine				1			2															3
144	hardening machine	3																2					5
145	demolition machine	1						1															2
146	vehicle for high lift work																						0
149	other construction machines	3			1																		4
	lathe																						0
	drill press, milling machine																						0
	grinding machine, buffing machine																						0
	power press																						0
155	forging pressure																						0

	hammer														
156	shearing machine														0
159	other metal manufacturing machines														0
161	centrifugal machine														0
162	mixer, grinder														0
163	roll machine (except printingroll machine)														0
164	injection molding machine														0
	food manufacturing machine														0
166	printing machine														0
167	industrial robot														0
169	other general power machines	3				4	1			1					9
171	felling machine														0
172	mobile logging machine														0
173	skyline yarding machine														0
	other mobile silviculture machine														0
	crane														0
212		5	2		8	4									19
213	derrick crane											 			0
214	elevator, lift														0
215	cargo lifting appliance														0
	gondola						Щ								0
	lumberyard equipment, logging cableway														0
218	simple skyline yarding equipment														0
219	other powered crane														0
		4			3	8						11	1		27
	forklift														0
223	railway equipment														0
224	conveyor loader														0
225	loader														0

226	straddle carrier															0
227	rough terrain hauler	3	2				2									7
229	other powered conveying machines						1									1
231	cars, bus, motorcycle												15			15
232	railway vehicle													3		3
239	other vehicles								4					1		5
311	boiler															0
312	pressure vessel															0
319	other pressure vessels															0
321	chemical facilities															0
331	gas welding equipment															0
222	arc welding equipment															0
20	other welding equipment															0
	kiln, caldron															0
42	industrial dryer															0
49	other kiln, caldron															0
51	transmission															0
352	electric power facilities															0
359	other electrical equipment															0
861	human power cranes															0
62	human power hauling equipment															0
63	human power machine															0
	hand tool															0
		3														3
	slinging tool			3		1	1									5
	other tools	1		1	1											3
391	other equipments, facilities															0
		2														2
	timbering	1			1											2
	stairs, landing stage								1							1
	opening	1														1
	roof, beam, haze,															

	crossbeam, principal rafter																						0
416	working platform, boot board	1																					1
	passage																						0
418	building, establishment	8				7	1	1			2												19
419	other temporary buildings, establishments	1			1	1		1															4
511	explosive substance																						0
512	inflammable substance																						0
513	inflammable gas																						0
514	harmful substance												1										1
515	radiation																						0
519	other hazards, harmful substances																						0
521	metal material				3		1									1							5
522	lumber, bamboo																						0
523	stone, sand, substance						1																1
529	other materials																						0
	load					1		1															2
012	machine/equipment as load																						0
711	natural ground, rock	3			1	18		1															23
712	standing tree				4		4																8
713	water										10												10
714	abnormal environment																						0
715	high/cold temperature environment											1									1		2
	other environments				1	1																	2
	other causal agent																						0
	no causal agent																				2		2
	unclassifiable										1												1
000	total	60	7	3	22	30	36	52	2	0	20	1	1	1	0	1	0	28	5	0	3	0	272

Data of 2011 year do not include Industrial accidents caused by Great East Japan Earthquake in 2011.

Data sources: <a href="https://anzeninfo.mhlw.go.jp/anzen\_pg/SIB\_FND.aspx">https://anzeninfo.mhlw.go.jp/anzen\_pg/SIB\_FND.aspx</a> (MHLW, Japan)

Return to <a href="https://www.jisha.or.jp/english/statistics/2020efretcs.html">https://www.jisha.or.jp/english/statistics/2020efretcs.html</a>